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TITLE: Picture signal encoding  
method and apparatus, picture  
signal transmitting method,  
picture signal decoding  
method and apparatus and  
recording medium

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INVENTOR-INFORMATION:

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JP	7-344146	December
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US-CL-CURRENT: 375/240.18

ABSTRACT:

There is provided a picture signal encoding  
method in which a signal  
obtained on processing picture signals with

encoding accompanying real-number calculations and the resulting quantized signal is outputted, locally decoded data of the encoded data and data prevailing prior to execution of the real-number calculations are compared to each other to find a difference signal. This difference signal is added to decoded data for signal correction for realizing reversible encoding and the encoding/decoding of high-precision picture signals. Also provided are a corresponding signal encoding apparatus, a picture signal transmitting method, a picture signal decoding method and apparatus and a recording medium having thereon recorded signal decodable by the picture decoding apparatus

23 Claims, 12 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 10

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Claims Text - CLTX (8):

2. The picture signal encoding method as claimed in claim 1 wherein said real-number calculations consist in discrete cosine transform.

Claims Text - CLTX (20):

7. The picture signal encoding apparatus as claimed in claim 6 wherein said real-number calculations consist in discrete cosine transform.

Claims Text - CLTX (34):

12. The picture signal transmitting method as claimed in claim 11 wherein said real-number calculations consist in discrete cosine transform.

Current US Original Classification - CCOR (1):

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